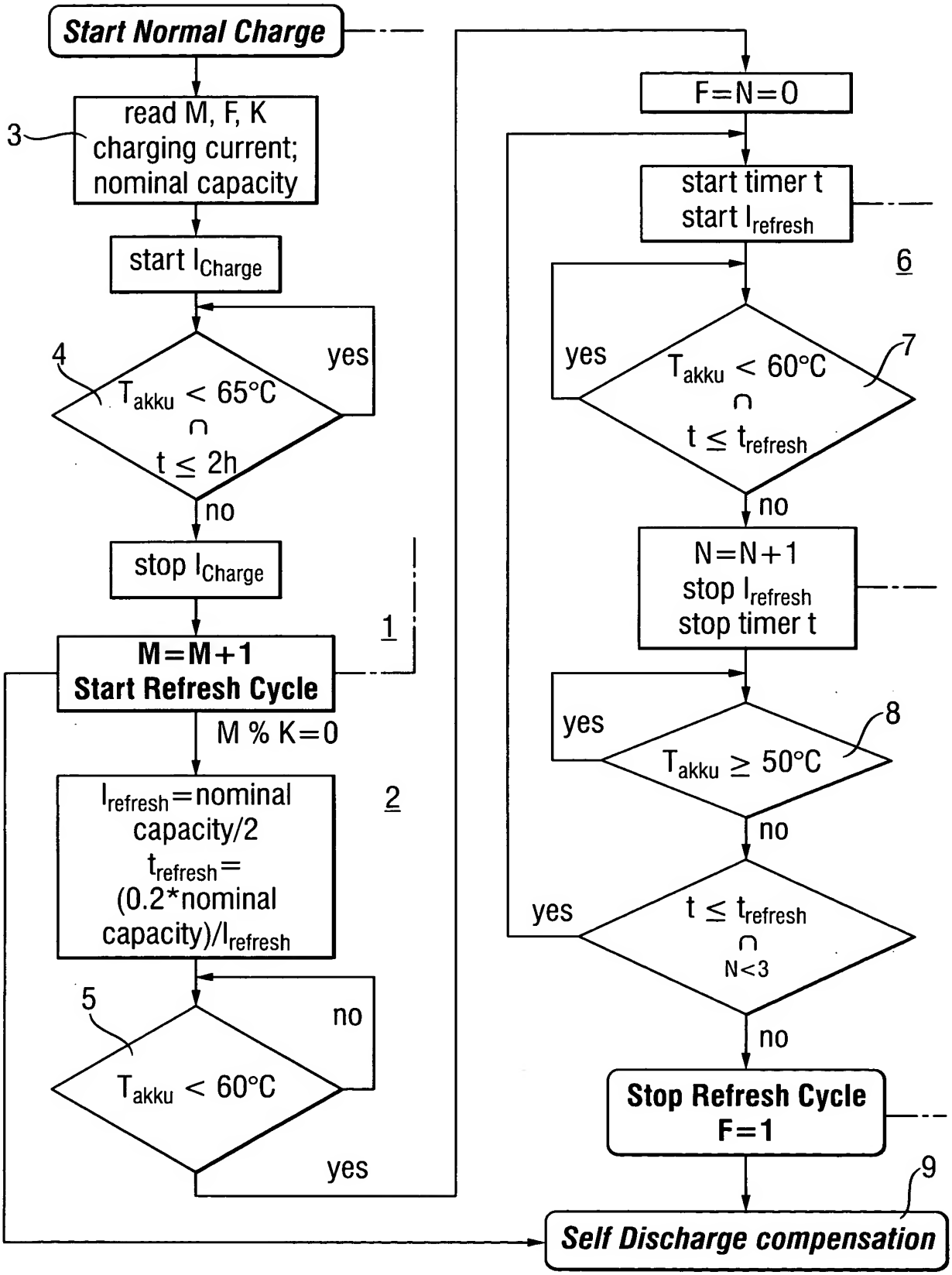
Start Normal Charge
read M, F, K
charging current;
nominal capacity
3
start $I_{Charge}$
4
$T_{akku} < 65°C$
∩
$t \leq 2h$
yes
no
stop $I_{Charge}$
1
M=M+1
Start Refresh Cycle
M % K=0
$I_{refresh}$=nominal capacity/2
$t_{refresh}$=(0.2*nominal capacity)/$I_{refresh}$
2
5
$T_{akku} < 60°C$
no
yes
F=N=0
start timer t
start $I_{refresh}$
6
yes
$T_{akku} < 60°C$
∩
$t \leq t_{refresh}$
7
no
N=N+1
stop $I_{refresh}$
stop timer t
yes
$T_{akku} \geq 50°C$
8
no
yes
$t \leq t_{refresh}$
∩
N<3
no
Stop Refresh Cycle
F=1
9
Self Discharge compensation